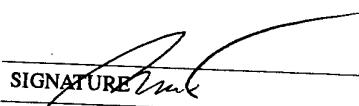


FORM PTO-1390 (REV 10-95)		U.S. DEPARTMENT OF COMMERCE AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER CFV-005.01
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 09/171553
INTERNATIONAL APPLICATION NO. PCT/GB97/01087	INTERNATIONAL FILING DATE 18 April 1997 (18.04.97)	PRIORITY DATE CLAIMED 19 April 1996 (19.04.96)		
TITLE OF INVENTION: PORCINE RETROVIRUS				
APPLICANT(S) FOR DO/EO/US Todd CAMPUS and Douglas HOUSE				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is the FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(l)). 4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). <ol style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 				
Items 11. to 16. below concern document(s) or information included:				
<ol style="list-style-type: none"> 11. <input type="checkbox"/> An information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <ol style="list-style-type: none"> <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> A substitute specification. 15. <input type="checkbox"/> A change of power of attorney and/or address letter. 16. <input checked="" type="checkbox"/> Other items of information. <ol style="list-style-type: none"> (X) International Preliminary Examination Report (with translation) (X) PCT Request Form. 				
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <p><u>Certificate of Express Mail</u></p> <p>I hereby certify that the foregoing documents are being deposited with the United States Postal Service as Express Mail, postage prepaid, "Post Office to Addressee", in an envelope addressed to the Assistant Commissioner for Patents, Box PCT, Attn: DO/EO/US, Washington, D.C. 20231 on the date indicated below.</p> <p><u>Roberta L. Hahn</u></p> <p>Roberta L. Hahn Express Mail Label: EL046501414us Date of Deposit: October <u>19</u>, 1998</p> </div>				

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO. PCT/GB97/01087	ATTORNEY'S DOCKET NUMBER CFV-005.01																				
17. (X) The following fees are submitted:		CALCULATIONS PTO USE ONLY																				
BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):																						
Search Report has been prepared by the EPO or JPO International preliminary examination fee paid to USPTO (37 CFR 1.482) No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)		\$910.00 \$700.00 \$770.00 \$1040.00 \$96.00																				
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$910.00																				
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).		() 20 (x) 30 \$130.00																				
<table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>40 - 20 =</td> <td>20</td> <td>X \$22.00 \$ 440.00</td> </tr> <tr> <td>Independent claims</td> <td>9 - 3 =</td> <td>6</td> <td>X \$80.00 \$ 480.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$260.00 \$ 260.00</td> </tr> <tr> <td colspan="3"></td> <td>TOTAL OF ABOVE CALCULATIONS = \$2220.00</td> </tr> </tbody> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	40 - 20 =	20	X \$22.00 \$ 440.00	Independent claims	9 - 3 =	6	X \$80.00 \$ 480.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$260.00 \$ 260.00				TOTAL OF ABOVE CALCULATIONS = \$2220.00	\$0
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			TOTAL OF ABOVE CALCULATIONS = \$2220.00																			
Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).		\$0																				
		SUBTOTAL = \$2220.00																				
Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).		() 20 () 30 + \$0																				
		TOTAL NATIONAL FEE = \$2220.00																				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.		+ \$0																				
		TOTAL FEES ENCLOSED = \$2220.00																				
		Amount to be: \$ refunded charged \$																				
a. (X) A check in the amount of \$2220.00 to cover the above fees is enclosed. b. () Please charge my Deposit Account No 06-1448, in the amount of \$0 to cover the above fees. A duplicate copy of this sheet is enclosed. c. (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1448, Ref. CFV-005.01. A duplicate copy of this sheet is enclosed.																						
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.																						
SEND ALL CORRESPONDENCE TO:																						
Patent Group Foley, Hoag & Eliot LLP One Post Office Square Boston, MA 02109-2170																						
SIGNATURE  Chinh H. Pham REGISTRATION NO. 39,329																						